NEW MEXICO
ENVIRONMENT DEPARTMENT
Ground Water Quality Bureau
1190 Saint Francis Drive / PO Box 5469
Santa Fe, NM 87502-5469
Phone (505) 827-2900 Fax (505) 827-2965
www.env.nm.gov

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GROUND WATER QUALITY BUREAU
DISCHARGE PERMIT
Issued under 20.6.2 NMAC

Facility Name:	Lea County Septic Tank Service
Discharge Permit Number:	DP-884
Facility Location:	Highway 18, 8 miles south of Hobbs Section 14, Township 20S, Range 38E
County:	Lea
Permittee:	Patricia Taylor, Owner
Mailing Address:	PO Box 703, Hobbs, NM 88241
Facility Contact:	Elijah Taylor
Telephone Number/Email:	575-397-2382/lcseptictanknm@aol.com
Permitting Action:	Renewal and Modification
Permit Issuance Date:	DATE
Permit Expiration Date:	DATE
NMED Permit Contact:	Andrew Romero
Telephone Number/Email:	(505) 660-8624/andrewc.romero@state.nm.us

MICHELLE HUNTER
Chief, Ground Water Quality Bureau

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I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit Renewal and Modification (Discharge Permit or DP-884) to Patricia Taylor (Permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Ground and Surface Water Protection Regulations, 20.6.2 NMAC.

NMED's purpose in issuing this Discharge Permit, and in imposing the requirements and conditions specified herein, is to control the discharge of water contaminants from Lea County Septic Tank Service (Facility) in order to protect groundwater and those segments of surface water gaining from groundwater inflow for present and potential future use as domestic and agricultural water supply and other uses, and to protect public health. It is NMED's determination in issuing this Discharge Permit that the Permittee has met the requirements of Subsection C of 20.6.2.3109 NMAC. The Permittee is responsible for complying with the terms and conditions of this Discharge Permit pursuant to Section 20.6.2.3104 NMAC; failure to do so may result in enforcement action by NMED (20.6.2.1220 NMAC).

Described below are the activities that produce the discharge, the location of the discharge, and the quantity, quality and flow characteristics.

The Permittee disposes up to 1,550 gallons per day (gpd) (average of 46,500 gallons per month) of domestic septage (including portable toilet waste) into three above-ground settling tanks, followed by land disposal on two separate parcels proportioned to approximately 6.8-acres and 7.2-acres. The Permittee also discharges up to 300 gpd (average of 9,000 gallons per month) of car wash wastewater and car wash sand trap waste into two synthetically lined impoundments for disposal by evaporation.

The Discharge Permit modification consists of the inclusion of the discharge of up to 46,500 gallons per month of domestic septage to two parcels proportioned to approximately 6.8-acres and 7.2-acres. Additionally, grease trap waste is no longer accepted at this site.

The discharge may contain water contaminants or toxic pollutants elevated above the standards of Section 20.6.2.3103 NMAC and is not subject to the exemption at Subsection 20.6.2.3105.A NMAC.

The Facility is located approximately eightmiles south of Hobbs, in Section 14, Township 20S, Range 38E, in Lea County. A discharge at the Facility is most likely to affect groundwater at a depth of approximately greater than 200 feet and having an unknown pre-discharge total dissolved solids (TDS) concentration.

NMED issued the original Discharge Permit to the Permittee on August 9, 1993 and subsequently modified the Permit on June 28, 1995 and renewed the Permit on March 26, 1999. The application (i.e., discharge plan) associated with this Discharge Permit consists of the materials submitted by Souder, Miller & Associates on behalf of the Permittee dated May 5, 2020 and materials contained in the administrative record prior to issuance of this Discharge Permit.

The Permittee shall manage the discharge in accordance with all conditions and requirements of this Discharge Permit.

NMED reserves the right to require a Discharge Permit modification in the event NMED determines that the Permittee is or may be violating, or is likely to violate in the future, the requirements of 20.6.2 NMAC or the standards of Section 20.6.2.3103 NMAC. NMED reserves this right pursuant to Section 20.6.2.3109 NMAC. An NMED requirement to modify the Discharge Permit may result from a determination by the department that structural controls and/or management practices approved under this Discharge Permit are insufficiently protective of groundwater quality and human health. NMED reserves the right to require the Permittee implement abatement of water pollution and remediate groundwater quality.

NMED issuance of this Discharge Permit does not relieve the Permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

This Discharge Permit may use the following acronyms and abbreviations.

Abbreviation	Explanation		Abbreviation	Explanation
BOD_5	biochemical oxygen demand (5-day)		NMED	New Mexico Environment Department
CAP	Corrective Action Plan		NMSA	New Mexico Statutes Annotated
CFR	Code of Federal Regulations		NO_3-N	nitrate-nitrogen
CFU	colony forming unit		NTU	nephelometric turbidity units
Cl	chloride		QA/QC	Quality Assurance/Quality Control
EPA	United States Environmental Protection Agency		TDS	total dissolved solids
gpd	gallons per day		TKN	total Kjeldahl nitrogen
LAA	land application area		total nitrogen	= TKN + NO_3-N
LADS	Land Application Data Sheet(s)		TRC	total residual chlorine
mg/L	milligrams per liter		TSS	total suspended solids
mL	milliliters		WQA	New Mexico Water Quality Act
MPN	most probable number		WQCC	Water Quality Control Commission

Abbreviation	Explanation		Abbreviation	Explanation
NMAC	New Mexico Administrative Code		WWTF	Wastewater Treatment Facility

II. FINDINGS

In issuing this Discharge Permit, NMED finds the following.

1. The Permittee is discharging effluent or leachate from the Facility so that such effluent or leachate may move into groundwater of the State of New Mexico that has an existing concentration of 10,000 mg/L or less of TDS, within the meaning of Subsection A of 20.6.2.3101 NMAC, without exceeding standards of 20.6.2.3103 NMAC for any water contaminant.

2. The Permittee is discharging effluent or leachate from the Facility directly or indirectly into groundwater pursuant to this Discharge Permit and Sections 20.6.2.3000 through 20.6.2.3114 NMAC.

3. The discharge from the Facility is not subject to any of the exemptions of Section 20.6.2.3105 NMAC.

III. AUTHORIZATION TO DISCHARGE

The Permittee is responsible for ensuring that discharges authorized by this Discharge Permit are consistent with the terms and conditions herein pursuant to 20.6.2.3104 NMAC.

This Discharge Permit authorizes the Permittee to discharge up to 1,550 gpd (average of 46,500 gallons per month) of domestic septage (including portable toilet waste) into three above-ground settling tanks, followed by land disposal on two parcels proportioned approximately 6.8-acres and 7.2-acres. Additionally, this Discharge Permit authorizes the Permittee to discharge up to 300 gpd (average of 9,000 gallons per month) of car wash wastewater and car wash sand trap waste into two synthetically lined impoundments for disposal by evaporation.

[20.6.2.3104 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection D of 20.6.2.3109 NMAC]

IV. CONDITIONS

NMED issues this Discharge Permit for the discharge of water contaminants subject to the following conditions.

A. OPERATIONAL PLAN

#	Terms and Conditions
1.	The Permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 2 and 4 NMAC. [Subsection C of 20.6.2.3109 NMAC]
2.	The Permittee shall operate in a manner that does not violate standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC. [20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operational Actions with Implementation Deadlines

#	Terms and Conditions
3.	Within 60 days of the effective date of this Discharge Permit **(by DATE)**, the Permittee shall submit final construction plans and specifications for NMED's review of the required relining of the two car wash wastewater impoundments. The construction plans and specifications shall bear the seal and signature of a licensed New Mexico professional engineer (pursuant to New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) and shall include the supporting design calculations. The submitted documentation shall include the following elements if proposed for construction. a) **All Impoundments** – Specifications and details for the construction of the storage impoundments system and a liner consistent with the attachment titled *Groundwater Discharge Permit Guidance for Synthetically Lined Lagoons – Liner Material and Site Preparation*, Revision 0.0, May 2007. b) **Evaporative Impoundment** – Evaporative impoundments system capacity and evaporative potential design calculations – The Permittee shall design the impoundment(s) to dispose of the permitted discharge volume by evaporation while preserving two feet of freeboard. Design calculations may consider seasonal discharge patterns. c) **Wastewater System Components** – Specifications and details for any proposed construction of lift stations, valves, transfer lines, process units and associated details; whether new for the new system, retrofitted for the new system, or proposed for abandonment. d) **Flow Meter Design Detail** – Specifications for any flow meters included in the construction to measure the volume of wastewater discharged to the car wash wastewater impoundments.

#	Terms and Conditions
	e) **Equipment** – Specifications and details for all equipment, materials and installation procedures the Permittee will use in the construction of the wastewater system. f) **Site Restrictions –** Specifications and details for fencing around the Facility. Prior to relining the car wash wastewater impoundments, the Permittee shall obtain written verification from NMED that the plans and specifications meet the requirements of this Discharge Permit. [Subsections A and C 20.6.2.1202 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection C of 20.6.2.3107 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
4.	Prior to discharging to the newly lined car wash wastewater impoundments, the Permittee shall complete construction in accordance with the final construction plans and specifications required by this Discharge Permit. The Permittee shall notify NMED at least five working days prior to commencement of construction to allow NMED personnel to be onsite for inspection. [Subsections A and C of 20.6.2.1202 NMAC, Subsection C of 20.6.2.3109 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
5.	Within 30 days of completing construction of the car wash wastewater impoundments the Permittee shall submit record drawings to NMED that bear the seal and signature of a licensed New Mexico professional engineer (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) for the constructed car wash wastewater impoundments. [Subsections A and C of 20.6.2.1202 NMAC, Subsection C of 20.6.2.3109 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
6.	Within 180 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall submit an up-to-date diagram of the layout of the entire Facility to NMED. The diagram shall include the following elements: • a north arrow; • the effective date of the diagram; • all impoundment locations; • all groundwater monitoring wells; • all wastewater sampling locations; • All components of the disposal Areas, e.g., cells, berms, and fences.

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	The Permittee shall ensure that any element that cannot be directly shown due to its location inside of existing structures, or because it is buried without surface identification, shall be on the diagram in a schematic format and identified as such. [Subsection C of 20.6.2.3106 NMAC, Subsection A of 20.6.2.3107 NMAC]
7.	Within 120 days of the issuance date of this Discharge Permit (**by DATE**), the Permittee shall commence the following relining and closure measures on *each* impoundment located within the southern 6.8-acre parcel. a) Cease discharging to the impoundment. b) Drain wastewater from the impoundment and any other wastewater system components and dispose of it in accordance with all local, state and federal regulations, or evaporate remaining wastewater from the impoundment. Within 90 days of ceasing to discharge to the impoundment, the Permittee shall submit a sludge removal and disposal plan to NMED for approval. The sludge removal and disposal plan shall include the following information. a) The estimated volume and dry weight of sludge planned to be removed and disposed of, including measurements and calculations. b) The method(s) of sludge *removal* from the impoundment. c) The method(s) of *disposal* for all of the sludge (and its contents) removed from the impoundments. The method(s) shall comply with all local, state and federal regulations, including 40 CFR Part 503. *Note: A proposal that includes the surface disposal of sludge may be subject to Groundwater Discharge Permitting requirements pursuant to 20.6.2.3104 NMAC that are separate from the requirements of this Discharge Permit*. d) A schedule for completion of sludge removal and disposal not to exceed two years from the date discharge to the impoundment ceased. The Permittee shall initiate implementation of the plan within 30 days following approval by NMED. Following completion of the sludge removal and disposal, the Permittee shall complete relining of each car wash wastewater impoundment and return the impoundment to service in accordance with the requirements of this Discharge Permit. Within one year following completion of the sludge removal and disposal, the Permittee shall complete the following closure measures for all remaining impoundments other than the car wash wastewater impoundments. a) Remove all lines leading to and from the impoundment(s), or permanently plug and

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	abandon them in place. b) Perforate or remove the impoundment liner. c) Fill the impoundment(s) with suitable fill. d) Re-grade the impoundment site to blend with surface topography, promote positive drainage and prevent ponding. [Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]
8.	Prior to discharging to the northern 6.8-acre land disposal area, the Permittee shall install fences around the land disposal area to control access by the general public and animals. The fences shall consist of a minimum of six-foot chain link or field fencing and locking gates. Documentation of fence installation shall consist of a narrative statement describing the fences and gates and date-stamped photographs. The Permittee shall submit the documentation to NMED in the next required periodic monitoring report. [Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]
9.	Within 30 days of the issuance date of this Discharge Permit (**by DATE**) the Permittee shall install the following signs at the following locations: • Signs posted at the facility entrance and every 500 feet along the facility boundary that state: "Notice: Waste Disposal Area - KEEP OUT" and "Aviso: Área de Disposición - NO ENTRAR". • A sign posted at the entrance gate with the name of the facility's contact person, office phone number of the contact person, emergency contact phone number for the facility, and physical location of the facility including township, range, and sections. • A sign on each tank identifying its contents. Signs on tanks containing contaminated water shall indicate in English and Spanish that the water is not potable. • A sign at the boundary of each cell to identify the cell number and the waste type the Permittee is authorized discharge in the cell. All signs shall be weatherproof and legible for the term of this Discharge Permit. [NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]
10.	Prior to discharging to the land disposal areas, the Permittee shall install and maintain earthen berms in between disposal cells that are a minimum of 24 inches above natural grade, to prevent run-on and run-off from a storm event. The Permittee shall inspect the berms on a regular basis and after any major rainfall event and repair as necessary. In place of a berm across the facility entrance, the

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	Permittee shall construct and maintain shallow (minimum depth of six inches) stormwater diversion trenches parallel to and on each side of the facility entrance gate. The Permittee shall maintain all berms and trenches until termination of the Discharge Permit and the Permittee has met the closure conditions. The Permittee shall keep a log of the inspection findings and repairs that includes a date of the inspection and the name of the person responsible for the inspection and shall make the log available to NMED upon request. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operating Conditions

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11.	The Permittee shall not combine different waste types. The Permittee shall dispose of waste in separate cells that receive only a single designated waste type. [Subsection C of 20.6.2.3109 NMAC]
12.	The Permittee shall inspect the Facility weekly and collect any residual solid waste (trash) on the Facility site. The Permittee shall dispose of the collected materials in a manner consistent with all local, state and federal regulations. The Permittee shall maintain a log of inspection findings at the Facility office and make the logs available to a NMED representative upon request. [Subsection A of 20.6.2.3107 NMAC, Subsections B and C of 20.6.2.3109 NMAC]
13.	The permittee shall screen the domestic septage and portable toilet waste through a ¾-inch or smaller screen prior to discharge to the disposal area. The Permittee shall place debris retained by the screen in an onsite container and shall dispose of the waste in accordance with all local, state, and federal regulations. [20.6.2.3109 NMAC]
14.	The Permittee shall not discharge septage wastes to any of the surface disposal cells during periods of precipitation or when surface soils are frozen or saturated. The Permittee may store wastes on-site in tanker trucks during periods of wet weather, low evaporation, or when surface soils are frozen or saturated. The Permittee shall remove freestanding water within 24 hours.

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	[Subsection C of 20.6.2.3109 NMAC]
15.	The Permittee shall incorporate domestic septage (including portable toilet waste) into the soil by disking within six hours following surface disposal in the disposal cells. The Permittee shall incorporate septage into the septage disposal cells on a rotational basis. The Permittee shall minimize ponding of septage. Treatment and disposal of domestic septage shall be in accordance with requirements set forth in 40 CFR Part 503. The Permittee shall record on a manifest the date and time surface disposal occurred and the date and time the Permittee completes incorporation of septage into the soil by disking. The Permittee shall maintain the manifests at the Facility office. The Permittee shall make the manifests available for inspection by NMED upon request. [Subsections B and C 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D, 40 CFR 503]
16.	The Permittee shall discharge domestic septage (including portable toilet waste) to the disposal cells such that the amount of total nitrogen discharged does not exceed 200 pounds per acre in any 12-month period. The Permittee shall distribute domestic septage evenly throughout the entire disposal area. The Permittee shall not apply domestic septage (including portable toilet waste) to areas outside of the disposal cells. [Subsection C of 20.6.2.3109 NMAC]
17.	The Permittee shall maintain the car wash wastewater impoundment liner(s) to avoid conditions that could affect the liner or the structural integrity of the impoundment(s). Characterization of such conditions may include the following: • erosion damage; • animal burrows or other damage; • the presence of vegetation including aquatic plants, weeds, woody shrubs or trees growing within five feet of the top inside edge of a sub-grade impoundment, within five feet of the toe of the outside berm of an above-grade impoundment, or within the impoundment itself; • the presence of large debris or large quantities of debris in the impoundment; • evidence of seepage; or • evidence of berm subsidence.

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	The Permittee shall routinely control vegetation growing around the car wash wastewater impoundment(s) by mechanical removal that is protective of the impoundment liner. The Permittee shall visually inspect the car wash wastewater impoundment(s) and surrounding berms on a monthly basis to ensure proper maintenance. In the event that inspection reveals any evidence of damage that threatens the structural integrity of an impoundment berm or liner, or that may result in an unauthorized discharge, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit. The Permittee shall create and maintain a log of all impoundment inspections which describes the date of the inspection, any findings and repairs and the name of the person responsible for the inspection. The Permittee shall make the log available to NMED upon request. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
18.	The Permittee shall preserve a minimum of two feet of freeboard, i.e., the liquid level in the car wash wastewater impoundment(s) and the elevation of the lowest-most top of the impoundment liner. In the event that the Permittee determines that it cannot preserve two feet of freeboard in an impoundment, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

B. MONITORING AND REPORTING

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19.	The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
20.	METHODOLOGY – Unless otherwise specified by this Discharge Permit, or approved in writing by NMED, the Permittee shall use sampling and analytical techniques that conform with the references listed in Subsection B of 20.6.2.3107 NMAC. [Subsection B of 20.6.2.3107 NMAC]

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21.	The Permittee shall retain on-site a manifest for each load of waste received. The manifest shall record the following information: • date of receipt; • name of the hauling company; • name and address of the waste origin; • type of waste or description of contamination (differentiate between soil and water); • volume of waste; • confirmation of inspection for acceptable waste type; • signature of person conducting the inspection; and • cell identification and location within the cell where the Permittee discharged the waste. The Permittee shall make the manifests available for inspection by NMED upon request. The Permittee shall submit a summary listing the information from each manifest for wastes received during the reporting period to NMED in the semi-annual monitoring reports.
22.	The Permittee shall, on a monthly basis, complete a Surface Disposal Data Sheet for Septage (SDDS-Septage, attached) to document the amount of nitrogen in septage discharged to each surface disposal cell. The Permittee shall complete a SDDS for each cell and shall reflect the volume and total nitrogen concentration of waste discharged to the disposal cells for each month. To determine the amount of nitrogen in septage applied, the Permittee may assume a total nitrogen concentration of 600 mg/L, based on average characteristics of septage (Guide to Septage Treatment and Disposal, EPA/625/R-94-002), or may use a total nitrogen value from the laboratory analysis of a composite sample from a minimum of six waste loads semi-annually using a sampling protocol approved by NMED prior to sample collection. The Permittee shall not adjust the nitrogen content to account for volatilization or mineralization processes. If the Permittee derives the total nitrogen value from laboratory analysis, the Permittee shall submit the analytical results, including the laboratory QA/QC summary report and Chain of Custody, to NMED in the semi-annual monitoring reports. The Permittee shall submit the SDDSs, or a statement that no surface disposal occurred within the cells, to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 and Subsection H of 20.6.2.3109 NMAC]

Due Dates for Monitoring Reports

23.	Semi-annual monitoring - The Permittee shall perform monitoring and other Permit required actions during the following periods and shall submit semi-annual reports to NMED by the following due dates: • January 1st through June 30th – **due by August 1st; and** • July 1st through December 31st – **due by February 1st.** [Subsection A of 20.6.2.3107 NMAC]

Monitoring Actions with Implementation Deadlines

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24.	Within 60 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall submit a written groundwater monitoring well location proposal for NMED review and approval. The proposal shall designate the installation locations of the monitoring wells required by Condition 25 of this Discharge Permit. The proposal shall include, at a minimum, the following information. a) A map showing the proposed location of the monitoring wells in relation to the boundary of the source it is intended to monitor. b) A written description of the specific location proposed for the monitoring wells including the distance (in feet) and direction of the monitoring wells from the edge of the source it is intended to monitor. Examples include: 35 feet north-northwest of the northern berm of the synthetically lined impoundment; 45 feet due south of the leachfield; and 30 feet southeast of the reuse area 150 degrees from north. c) A statement describing the groundwater flow direction beneath the Facility, and documentation and/or data supporting the determination. The Permittee must have NMED's approval of all monitoring well locations prior to their installation. [Subsection A of 20.6.2.3107 NMAC]
25.	Within 120 days of NMED written approval, the Permittee shall install the following new monitoring wells. a) One monitoring well (MW-1) located hydrologically upgradient of the Facility. b) One monitoring well (MW-2) located 20 to 50 feet hydrologically downgradient of the car wash wastewater impoundments. c) One monitoring well (MW-3) located at an alternate location from MW-2 and 20 to 50 feet hydrologically downgradient of the proposed septage disposal cells located on the southern 7.2-acre parcel. d) One monitoring well (MW-4) located 20 to 50 feet hydrologically downgradient of

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	the septage disposal cells located on the northern 6.8-acre parcel. The Permittee shall complete the well(s) in accordance with the attached Monitoring Well Guidance [or alternative methods submitted for approval]. Unless otherwise noted in this Discharge Permit, the requirement to install a monitoring well downgradient of a source is not contingent upon construction of the Facility, or discharge of wastewater from the Facility. [Subsection A of 20.6.2.3107 NMAC]
26.	Following the installation of the monitoring wells required by this Discharge Permit, the Permittee shall sample groundwater in monitoring wells MW-1 and M-4 and analyze the samples for TKN, NO_3-N, TDS and Cl. The Permittee shall sample groundwater in monitoring wells MW-2 and MW-3 and analyze the samples for all constituents listed in Section 20.6.2.3103 NMAC. The Permittee shall perform groundwater sample collection, preservation, transport and analysis according to the following procedure. a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot. b) Purge three well volumes of water from the well prior to sample collection. c) Obtain samples from the well for analysis. d) Properly prepare, preserve and transport samples. e) Analyze samples in accordance with the methods authorized in this Discharge Permit. Within 45 days of the installation of the monitoring wells the Permittee shall submit a well completion report to NMED. A well completion report shall at a minimum include: the Office of the State Engineer permit, well construction and lithologic logs, depth-to-most-shallow groundwater measurements, analytical results including the laboratory QA/QC summary report, and a facility layout map showing the location and number of each well. The Permittee shall ensure the well completion report addresses each numbered item in the General Drilling and Well Specifications in the Monitoring Well Guidelines. [Subsection A of 20.6.2.3107 NMAC]
27.	Within 60 days following the monitoring well installation completion, the Permittee shall perform a professional survey of all groundwater monitoring wells approved by NMED for Discharge Permit monitoring purposes. The survey shall be tied or referenced to a U.S. Geological Survey (USGS) or other permanent benchmark. Survey data shall include northing, easting and elevation to the nearest one-hundredth of a foot or shall be in

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	accordance with the "Minimum Standards for Surveying in New Mexico" (12.8.2 NMAC). The survey shall bear the seal and signature of a licensed New Mexico professional surveyor (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority). The Permittee shall utilize the survey to establish an elevation at the top-of-casing, with a permanent marking indicating the point of elevation. The Permittee shall measure depth-to-most-shallow groundwater to the nearest one-hundredth of a foot in all surveyed wells [and referenced to mean sea level], and the data shall be used to develop a groundwater elevation contour, i.e., potentiometric surface, map showing the location of all monitoring wells and the direction and gradient of groundwater flow in the uppermost aquifer below the Facility. The Permittee shall submit the data and groundwater elevation contour map to NMED within 30 days of survey completion. [Subsection A of 20.6.2.3107 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]

Groundwater Monitoring Conditions

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28.	The Permittee shall perform semi-annual groundwater sampling in the following groundwater monitoring wells and analyze the samples for TKN, NO_3-N, TDS and Cl. a) MW-1, located hydrologically upgradient of the Facility. b) MW-3, located 20 to 50 feet hydrologically downgradient of the septage disposal cells located on the southern 7.2-acre parcel. c) MW-4, located 20 to 50 feet hydrologically downgradient of the septage disposal cells located on the northern 6.8-acre parcel. The Permittee shall perform groundwater sample collection, preservation, transport and analysis according to the following procedures. a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot. b) Purge three well volumes of water from the well prior to sample collection. c) Obtain samples from the well for analysis. d) Properly prepare, preserve and transport samples. e) Analyze samples in accordance with the methods authorized in this Discharge Permit.

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	The Permittee shall submit the depth-to-most-shallow groundwater measurements and the laboratory analytical data results including the laboratory QA/QC summary report for each well, and a Facility layout map showing the location and number of each well to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC]
29.	The Permittee shall perform semi-annual groundwater sampling in MW-2 located 20 to 50 feet hydrologically downgradient of the car wash wastewater impoundments. The Permittee shall analyze the groundwater samples for the following constituents: • Aluminum • Arsenic • Barium • Cadmium • Chromium • Iron • Lead • Manganese • Nickel • Mercury • Selenium • Silver • Benzene • Ethylbenzene • Methylene Chloride • Methyl tertiary-butyl-ether (MTBE) • Naphthalene • Tetrachloroethene • Toluene • Total Xylenes • Chloride • Total Dissolved solids • Zinc • pH The Permittee shall perform groundwater sample collection, preservation, transport and analysis according to the following procedures. a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot. b) Purge three well volumes of water from the well prior to sample collection. c) Obtain samples from the well for analysis. d) Properly prepare, preserve and transport samples. e) Analyze samples in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the depth-to-most-shallow groundwater measurements and the laboratory analytical data results including the laboratory QA/QC summary report for each well, and a Facility layout map showing the location and number of each well to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC]

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30.	The Permittee shall develop a groundwater elevation contour map, i.e., potentiometric surface map, on a semi-annual basis using the top of casing elevation data from the monitoring well survey and the most recent depth-to-most-shallow groundwater measurements, referenced to mean sea level, obtained during the groundwater sampling required by this Discharge Permit. The groundwater elevation contour map shall depict the groundwater flow direction based on the groundwater elevation contours. The Permittee shall estimate groundwater elevations between monitoring well locations using common interpolation methods. The Permittee shall use a contour interval appropriate to the data but shall not be greater than two feet. Groundwater elevation contour maps shall use arrows to depict the groundwater flow direction based on the orientation of the groundwater elevation contours and shall locate and identify each monitoring well and contaminant source. The Permittee shall submit to NMED a groundwater elevation contour map in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC]
31.	NMED shall have the option to perform downhole inspections of all groundwater monitoring wells identified in this Discharge Permit. NMED shall establish the inspection date and provide at least a 60-day notice to the Permittee by certified mail. The Permittee shall remove any existing dedicated pumps at least 48 hours prior to NMED inspection to allow adequate settling time of sediment agitated from pump removal. Should the Permittee decide to install a pump in a monitoring well without a dedicated pump, the Permittee shall notify NMED at least 90 days prior to pump installation so that NMED can schedule a downhole well inspection(s) prior to pump placement. [Subsections A and D of 20.6.2.3107 NMAC]

Facility Monitoring Conditions

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32.	On an annual basis, the Permittee shall collect a composite wastewater sample from a representative location within the car wash wastewater impoundments for chemical characterization. The Permittee shall analyze the composite sample for: • aluminum (CAS 7429-90-5) • arsenic (CAS 7440-38-2) • benzene (CAS 71-43-2) • ethylbenzene (CAS 100-41-4)

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	• barium CAS 7440-39-3) • cadmium (CAS 7440-43-9) • chromium (CAS 7440-47-3) • iron (CAS 7439-89-6) • lead (CAS 7439-92-1) • manganese (CAS 7439-96-5) • nickel (CAS 7440-02-0) • total mercury (nonfiltered) (CAS 7439-97-6) • ph (instantaneous) • selenium (CAS 7782-49-2) • silver (CAS 7440-224) • methyl tertiary-butyl-ether (MTBE) (CAS 1634-04-4) • methylene chloride (CAS 75-09-2) • PAHs: total naphthalene (CAS 91-20-3) plus monomethylnapthalenes • tetrachloroethene (PCE, CAS 127-18-4) • toluene (CAS 108-88-3) • total xylenes (CAS 1330-20-7) • chloride (CAS 16887-00-6) • total dissolved solids • zinc (CAS 7440-66-6) The Permittee shall properly collect, prepare, preserve, transport and analyze the samples in accordance with the methods authorized in this Discharge Permit. The Permittee shall analyze the sample using methods with reporting limits that are less than the corresponding numerical groundwater standards identified in 20.6.2.3103 NMAC. The Permittee shall submit the laboratory analytical data results, the QA/QC summary and the Chain of Custody, to NMED in the monitoring reports due by August 1st each year. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]

C. ADDITIONAL STUDIES REQUIRED

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33.	Within 30 days of issuance of this Discharge Permit (**by DATE**), the Permittee shall collect composite soil samples from each impoundment located in the southern 7.2-acre parcel. The Permittee shall collect two surface composite soil samples (first-foot) and two sub-surface composite soil samples (second-foot, third-foot, and fourth-foot) from each impoundment. The Permittee shall collect and analyze composite soil samples according to the following procedures: a) Collect surface soil samples (first-foot) from a depth of 6 to 12 inches. b) Collect each second-foot sub-surface soil sample from a depth of 12 to 24 inches. c) Collect each third-foot sub-surface soil sample from a depth of 24 to 36 inches. d) Collect each fourth-foot sub-surface soil sample from a depth of 36 to 48 inches.

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	e) Analyze each surface and sub-surface composite sample for constituents listed in Subsections A and B of 20.6.2.3103 NMAC in accordance with EPA Soil Sampling Science and Ecosystem Support Division Operating Procedure, SESDPROC-300-R3 or ASTM methods D 420-93, D 1452-80, D 1586-84, D2488-93, D 4220-89, D 4700-91 and D 5434-93. The Permittee shall submit a copy of the laboratory analytical results that includes the laboratory QA/QC summary report and a map outlining the sampling locations to NMED upon receipt. Upon receipt of the analysis, the Permittee shall remove soils above the limits identified in the NMED Risk Assessment Guidance for Site Investigations and Remediation Soil Screening Levels - Table A-1, up to the depth where the limitation is exceeded. Should soils need to be removed, the Permittee shall conduct a second collection of surface soil samples per the above-mentioned procedures. In the event that any analytical results from a second collection of surface soil samples are above the limits identified in the NMED Risk Assessment Guidance for Site Investigations and Remediation Soil Screening Levels - Table A-1, the Permittee shall submit a Corrective Action Plan (CAP) to NMED for approval proposing corrective actions pursuant to 20.6.2.4103 NMAC. The Permittee shall submit the CAP including a schedule for completion of corrective actions and within 90 days of receipt of the analytical results of the second sample indicating that the Permittee continues to exceed the discharge limit. The Permittee shall initiate implementation of the CAP following approval by NMED. [NMSA 1978, § 74-6-5.D, Subsection A 20.6.2.3107 NMAC, Subsection H of 20.6.2.3109]

D. CONTINGENCY PLAN

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34.	In the event that groundwater monitoring indicates that groundwater exceeds a standard identified in Section 20.6.2.3103 NMAC [in a monitoring well with no previous exceedances of the chemical constituent at the date of issuance of this Discharge Permit], the Permittee shall collect a confirmatory sample from the monitoring well within 15 days of receipt of the initial sampling results to confirm the initial sampling results. Within 60 days of confirmation of groundwater contamination, the Permittee shall submit to NMED a Corrective Action Plan (CAP) that proposes, at a minimum,

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	contaminant source control measures and an implementation schedule. The Permittee shall implement the CAP as approved by NMED. Once this groundwater exceedance response condition is invoked whether during the term of this Discharge Permit or after the term of this Discharge Permit and prior to the completion of the Discharge Permit closure plan requirements, this condition shall apply until the Permittee has fulfilled the requirements of this condition and groundwater monitoring confirms for a minimum of eight (8) consecutive quarterly samples that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC. Violation of the groundwater standard beyond 180 days after the confirmation of groundwater contamination may cause NMED to require the Permittee to abate water pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108 and Section 20.6.2.4112 NMAC. [Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]
35.	In the event that information available to NMED indicates that a well is not constructed in a manner consistent with the attached Monitoring Well Guidance; contains insufficient water to effectively monitor groundwater quality; or is otherwise not completed in a manner that is protective of groundwater quality, the Permittee shall install a replacement well(s) within 120 days following notification from NMED. The Permittee shall survey the replacement monitoring well(s) within 30 days following well completion. The Permittee shall install replacement wells at locations approved by NMED prior to installation and shall complete replacement wells in accordance with the Monitoring Well Guidance. The Permittee shall submit well construction and lithologic logs [survey data and a groundwater elevation contour map] to NMED within 60 days following well completion. The Permittee shall properly plug and abandon a monitoring well requiring replacement upon completion of the replacement monitoring well. The Permittee shall complete the well plugging and abandonment, and shall document the abandonment procedures, in accordance with the Monitoring Well Guidance and all applicable local, state, and federal regulations. The Permittee shall submit a copy of the well abandonment documentation to NMED within 60 days following the replacement well completion. [Subsection A of 20.6.2.3107 NMAC]

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36.	In the event that groundwater flow information obtained pursuant to this Discharge Permit indicates that a monitoring well is not appropriately located, e.g., hydrologically downgradient of the discharge location it is intended to monitor, the Permittee shall install a replacement well within 120 days following notification from NMED. The Permittee shall survey the replacement monitoring well within 30 days following well completion. In the event that groundwater flow information obtained pursuant to this Discharge Permit indicates that a monitoring well is not appropriately located, e.g., hydrologically downgradient of the discharge location it is intended to monitor, the Permittee shall install a replacement well within 120 days following notification from NMED. The Permittee shall survey the replacement monitoring well within 30 days following well completion. The Permittee shall install replacement wells at locations approved by NMED prior to installation and shall complete replacement wells in accordance with the attached Monitoring Well Guidance. The Permittee shall submit construction and lithologic logs, survey data and a groundwater elevation contour map within 60 days following well completion. [Subsection A of 20.6.2.3107 NMAC]
37.	In the event that the SDDS show that the amount of nitrogen in wastewater applied in any 12-month period exceeds 200 pounds per acre, the Permittee shall propose the reduction of nitrogen loading to the septage disposal cells by submitting a Corrective Action Plan (CAP) to NMED for approval. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions and submit the CAP within 90 days following the end of the monitoring period in which the exceedance occurred. The Permittee shall implement the CAP following approval by NMED. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
38.	In the event that an inspection reveals significant damage has occurred or is likely to affect the structural integrity of an impoundment or liner or their ability to contain contaminants, the Permittee shall propose the repair or replacement by submitting a CAP to NMED for approval. The Permittee shall submit the CAP to NMED within 30 days after discovery of the damage or following notification from NMED that significant damage is evident. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following approval by NMED. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

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39.	In the event that an impoundment cannot preserve a minimum of two feet of freeboard, the Permittee shall take actions to restore the required freeboard as authorized by this Discharge Permit and all applicable local, state, and federal regulations. In the event that two feet of freeboard cannot be restored within a period of 72 hours following discovery, the Permittee shall propose actions to restore two feet of freeboard by submitting a short-term Corrective Action Plan (CAP) to NMED for approval. Examples of short-term corrective actions include the pumping and hauling of excess wastewater from the impoundment or reducing the volume of wastewater discharged to the impoundment. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall submit the CAP within 15 days following the date the Permittee or the NMED discover the exceedance. The Permittee shall implement the CAP following NMED approval. In the event that the short-term corrective actions fail to restore two feet of freeboard, the Permittee shall submit to NMED a proposal for permanent corrective actions in a long-term CAP. The Permittee shall submit the long-term CAP within 90 days following failure of the short-term CAP. Examples corrective actions include the installation of an additional storage impoundment or a significant and permanent reduction in the volume of wastewater discharged to the impoundment. The Permittee shall ensure the long-term CAP includes a schedule for completion of corrective actions. The Permittee shall implement the CAP following NMED approval. [Subsection A of 20.6.2.3107 NMAC]
40.	In the event the average solids accumulation exceeds one-third of the maximum liquid depth in the impoundments, the Permittee shall propose a plan for the removal and disposal of the solids. The Permittee shall submit the solids removal and disposal plan to NMED for approval within 120 days following discovery and includes the following information. a) A method for removal of the solids to a depth of less than six inches throughout the treatment impoundment in a manner that is protective of the impoundment liner. b) A description of how the Permittee will contain, transport, and dispose of the solids in accordance with all local, state, and federal regulations, including 40 CFR Part 503. c) A schedule for completion of the solids removal and disposal project. The Permittee shall initiate implementation of the plan following approval by NMED. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

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41.	In the event that a release occurs that is not authorized under this Discharge Permit (commonly known as a "spill"), the Permittee shall take measures to mitigate damage from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below. Within 24 hours following discovery of the unauthorized discharge, the Permittee shall verbally notify NMED and provide the following information. a) The name, address, and telephone number of the person or persons in charge of the Facility, as well as of the owner and/or operator of the Facility. b) The name and address of the Facility. c) The date, time, location, and duration of the unauthorized discharge. d) The source and cause of unauthorized discharge. e) A description of the unauthorized discharge, including its estimated chemical composition. f) The estimated volume of the unauthorized discharge. g) Any actions taken to mitigate immediate damage from the unauthorized discharge. Within one week following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED providing the information listed above and any pertinent updates. Within 15 days following discovery of the unauthorized discharge, the Permittee shall submit a Corrective Action Plan (CAP) to NMED describing any corrective actions previously taken and corrective actions to be taken relative to the unauthorized discharge. The CAP shall include the following information. a) A description of proposed actions to mitigate damage from the unauthorized discharge. b) A description of proposed actions to prevent future unauthorized discharges of this nature. c) A schedule for completion of proposed actions. In the event that the unauthorized discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 20.6.2.4103 NMAC, and the water pollution will not be abated within 180 days after notice is required to be given pursuant to Paragraph (1) of Subsection A of 20.6.2.1203 NMAC, NMED may require the Permittee to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC. The Permittee shall not construe anything in this condition as relieving them of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC.

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	[20.6.2.1203 NMAC]
42.	In the event that NMED or the Permittee identifies any failures of the discharge plan, i.e., the application, or this Discharge Permit not specifically noted herein, NMED may require the Permittee to submit a Corrective Action Plan and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a discharge permit modification to achieve compliance with 20.6.2 NMAC. [Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]

E. CLOSURE PLAN

Permanent Facility Closure Conditions

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43.	The Permittee shall perform the following closure measures in the event the Facility, or a component thereof, is proposed to be permanently closed. Within 60 days of ceasing to discharge to the impoundment(s), the Permittee shall plug the impoundment influent lines so that a discharge can no longer occur. Within 60 days of ceasing to discharge to the impoundment(s), the Permittee shall evaporate or drain all wastewater from the impoundment and any other wastewater system component and disposed of it in accordance with all local, state, and federal regulations. Within 90 days of ceasing to discharge to the impoundment(s), the Permittee shall submit a sludge removal and disposal plan to NMED for approval. The Permittee shall implement the plan within 30 days following approval by NMED. The sludge removal and disposal plan shall include the following information. a) The estimated volume and dry weight of sludge planned for removal and disposal, including measurements and calculations. b) Analytical results for samples of the sludge taken from the impoundment for TKN, NO_3-N, percent total solids, and any other parameters tested (reported in mg/kg, dry weight basis). c) The method of sludge *removal* from the impoundment(s). d) The method of *disposal* for all the sludge (and its contents) removed from the impoundment(s). The method shall comply with all local, state and federal regulations, including 40 CFR Part 503. *Note: A proposal that includes the surface disposal of sludge may be subject to Groundwater Discharge Permitting requirements*

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	pursuant to 20.6.2.3104 NMAC that are separate from the requirements of this Discharge Permit. e) A schedule for completion of sludge removal and disposal not to exceed two years from the date discharge to the impoundment(s) ceased. Within <u>one year</u> following completion of the sludge removal and disposal, the Permittee shall complete the following closure measures. a) Remove all lines leading to and from the impoundment(s), or permanently plug and abandon the lines in place. b) Remove or demolish any other wastewater system components and re-grade area with suitable fill to blend with surface topography, promote positive drainage and prevent ponding. c) Characterize, remove and dispose of all solids from the impoundments in accordance with local, state, and federal regulations, and maintain a record of solids transported for off-site disposal, including the volume of solids transported and the disposal location. d) Remove and dispose of the impoundment liners at a solid waste facility. If there is evidence of contaminated soil below the liners, assess the impact, report that assessment to NMED, and mitigate the impacts following NMED approval. e) Fill the impoundment(s) with suitable fill. f) Re-grade the impoundment site and the locations of ancillary equipment, e.g., influent piping, to blend with surface topography, promote positive drainage and prevent ponding. The Permittee shall continue groundwater monitoring until the Permittee meets the requirements of this condition met and groundwater monitoring confirms for a minimum of eight consecutive quarterly groundwater sampling events that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC. This period is referred to as "post-closure." If at any time monitoring results show an exceedance of a groundwater quality standard in Section 20.6.2.3103 NMAC, the Permittee shall implement the Contingency Plan required by this Discharge Permit. Following notification from NMED that the Permittee may cease post-closure monitoring, the Permittee shall plug and abandon the monitoring well(s) in accordance with the attached Monitoring Well Guidance. When the Permittee has met all closure and post-closure requirements and verified appropriate actions with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for termination of the Discharge Permit.

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	[Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]
44.	The Permittee shall complete the following closure measures upon proposing to permanently close a septage disposal cell or the entire Facility: a) Notify NMED that the Permittee will no longer be accepting domestic septage at the Facility or a surface disposal cell. b) Within 60 days of ceasing to discharge to a disposal cell, the Permittee shall backfill the disposal cell(s) with clean fill (as necessary) and re-grade the cell(s) to allow for positive storm water drainage. c) Re-vegetate the cell(s) and disturbed areas at the Facility by establishing a vegetative cover equal to 70% of the native perennial vegetative cover consisting of at least three native plant species including at least one grass, but not including noxious weeds. The Permittee shall maintain the vegetative cover through two consecutive growing seasons. The Permittee shall continue groundwater monitoring until the Permittee meets the requirements of this condition and groundwater monitoring confirms for a minimum of eight consecutive quarterly groundwater sampling events that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC. NMED refers this period as "post-closure." If at any time monitoring results show an exceedance of a groundwater quality standard in Section 20.6.2.3103 NMAC, the Permittee shall implement the Contingency Plan required by this Discharge Permit. Following notification from NMED that the Permittee may cease post-closure monitoring, the Permittee shall plug and abandon the monitoring well(s) in accordance with the attachment Monitoring Well Guidance. When the Permittee has met all closure and post-closure requirements and verified appropriate actions with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for termination of the Discharge Permit. [Subsection A of 20.6.2.3107 NMAC]

F. GENERAL TERMS AND CONDITIONS

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45.	RECORD KEEPING - The Permittee shall maintain a written record of the following:

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	• Information and data used to complete the application for this Discharge Permit;
	• Information, data, and documents demonstrating completion of closure activities;
	• Any releases (commonly known as "spills") not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC;
	• The operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater;
	• Facility record drawings (plans and specifications) showing the actual construction of the Facility and bear the seal and signature of a licensed New Mexico professional engineer;
	• Copies of logs, inspection reports, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit;
	• The volume of wastewater or other wastes discharged pursuant to this Discharge Permit;
	• Groundwater quality and wastewater quality data collected pursuant to this Discharge Permit;
	• Copies of construction records (well log) for all sampled groundwater monitoring wells pursuant to this Discharge Permit;
	• The maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and
	• Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including:
	  ○ the dates, location and times of sampling or field measurements;
	  ○ the name and job title of the individuals who performed each sample collection or field measurement;
	  ○ the sample analysis date of each sample
	  ○ the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis;
	  ○ the analytical technique or method used to analyze each sample or collect each field measurement;
	  ○ the results of each analysis or field measurement, including raw data;
	  ○ the results of any split, spiked, duplicate or repeat sample; and
	  ○ a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used.
	
	The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for the lifetime of the Discharge Permit. The Permittee shall make the record available to the department upon request.
	[Subsections A and D of 20.6.2.3107 NMAC]

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46.	SUBMITTALS – The Permittee shall submit both a paper copy and an electronic copy of all notification and reporting documents required by this Discharge Permit, e.g., monitoring reports. The Permittee shall submit paper and electronic documents to the NMED Permit Contact identified on the Permit cover page. [Subsection A of 20.6.2.3107 NMAC]
47.	INSPECTION and ENTRY – The Permittee shall allow NMED to inspect the Facility and its operations that are subject to this Discharge Permit and the WQCC regulations. NMED may upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which any maintained records required by this Discharge Permit, the regulations of the federal government, or the WQCC are located. The Permittee shall allow NMED to have access to and reproduce for their use any copy of the records, and to perform assessments, sampling or monitoring during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations. No person shall construe anything in this Discharge Permit as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state or federal regulations. [Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]
48.	DUTY to PROVIDE INFORMATION - The Permittee shall, upon NMED's request, allow for NMED's inspection/duplication of records required by this Discharge Permit and/or furnish to NMED copies of such records. [Subsection D of 20.6.2.3107 NMAC]
49.	MODIFICATIONS and/or AMENDMENTS – In the event the Permittee proposes a change to the Facility or the Facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated or discharged by the Facility, the Permittee shall notify NMED prior to implementing such changes. The Permittee shall obtain NMED's approval (which may require modification of this Discharge Permit) prior to implementing such changes. [Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]
50.	PLANS and SPECIFICATIONS – In the event the Permittee proposes to construct a wastewater system or change a process unit of an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications of the

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	proposed system or process unit to NMED for approval prior to the commencement of construction. In the event the Permittee implements changes to the wastewater system authorized by this Discharge Permit that result in only a minor effect on the character of the discharge, the Permittee shall report such changes (including the submission of record drawings where applicable) to NMED prior to implementation. [Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
51.	CIVIL PENALTIES - Any violation of the requirements and conditions of this Discharge Permit, including any failure to allow NMED staff to enter and inspect records or facilities, or any refusal or failure to provide NMED with records or information, may subject the Permittee to a civil enforcement action. Pursuant to WQA 74-6-10(A) and (B), such action may include a compliance order requiring compliance immediately or in a specified time, assessing a civil penalty, modifying or terminating the Discharge Permit, or any combination of the foregoing; or an action in district court seeking injunctive relief, civil penalties, or both. Pursuant to WQA 74-6-10(C) and 74-6-10.1, civil penalties of up to $15,000 per day of noncompliance may be assessed for each violation of the WQA 74-6-5, the WQCC Regulations, or this Discharge Permit, and civil penalties of up to $10,000 per day of noncompliance may be assessed for each violation of any other provision of the WQA, or any regulation, standard, or order adopted pursuant to such other provision. In any action to enforce this Discharge Permit, the Permittee waives any objection to the admissibility as evidence of any data generated pursuant to this Discharge Permit. [20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10 and 74-6-10.1]
52.	CRIMINAL PENALTIES – No person shall: • Make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or maintained under the WQA; • Falsify, tamper with or render inaccurate any monitoring device, method or record maintained under the WQA; or • Fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation. Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is

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	guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. [20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]
53.	COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the Permittee of the obligation to comply with any other applicable federal, state, and/or local laws, regulations, zoning requirements, nuisance ordinances, permits or orders. [NMSA 1978, § 74-6-5.L]
54.	RIGHT to APPEAL - The Permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues raised and the relief sought. Unless the Permittee files a timely petition for review, the decision of NMED shall be final and not subject to judicial review. [20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]
55.	TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control, or possession of this Facility or any portion thereof, the Permittee shall: • Notify the proposed transferee in writing of the existence of this Discharge Permit; • Include a copy of this Discharge Permit with the notice; and • Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification. The Permittee shall continue to be responsible for any discharge from the Facility, until both ownership and possession of the Facility have been transferred to the transferee. [20.6.2.3111 NMAC]
56.	PERMIT FEES – The Permittee shall be aware that the payment of permit fees is due at the time of Discharge Permit approval. The Permittee may pay the permit fees in a single payment or they may pay the fee in equal installments on a yearly basis over the term of the Discharge Permit. The Permittee shall remit single payments to NMED no later than

#	Terms and Conditions
	30 days after the Discharge Permit issuance date. The Permittee shall remit initial installment payments to NMED no later than 30 days after the Discharge Permit issuance date; with subsequent installment payments remitted to NMED no later than the anniversary of the Discharge Permit issuance date. Permit fees are associated with issuance of this Discharge Permit. No person shall construe anything in this Discharge Permit as relieving the Permittee of the obligation to pay all permit fees assessed by NMED. A Permittee that ceases discharging or does not commence discharging from the Facility during the term of the Discharge Permit shall pay all permit fees assessed by NMED. NMED shall suspend or terminate an approved Discharge Permit if the Permittee fails to remit an installment payment by its due date. [Subsection F of 20.6.2.3114 NMAC, NMSA 1978, § 74-6-5.K]

New Mexico Environment Department Ground Water Quality Bureau

Discharge Permit Summary

Facility Information

Facility Name Lea County Septic Tank Service
Discharge Permit Number DP-884

Legally Responsible Party

Patricia Taylor, Owner
Lea County Septic Tank Service
PO Box 703
Hobbs, NM 88241
(575) 397-2382

Treatment, Disposal and Site Information

Primary Waste Type Domestic
Facility Type Septage Disposal Facility/Car Wash Wastewater Impoundments

Treatment Methods

Type	Designation	Description & Comments
Car Wash Wastewater Impoundment	Impoundment 1	Required to be relined, unknown capacity.
Car Wash Wastewater Impoundment	Impoundment 2	Required to be relined, unknown capacity.

Discharge Locations

Type	Designation	Description & Comments
Surface Disposal	Field #1	Northern parcel, ~6.8-acres
Surface Disposal	Field #2	Southern parcel, ~7.2-acres

Ground Water Monitoring Locations

Type	Designation	Description & Comments
Monitoring Well	MW-1	Located hydrologically upgradient of the Facility, required to be installed.
Monitoring Well	MW-2	Located 20 to 50 feet hydrologically downgradient of the car wash wastewater impoundments, required to be installed.
Monitoring Well	MW-3	Located at an alternate location from MW-2 and 20 to 50 feet hydrologically downgradient of the proposed septage disposal cells located on the southern 7.2-acre parcel, required to be installed.
Monitoring Well	MW-4	Located 20 to 50 feet hydrologically downgradient of the septage disposal cells located on the northern 6.8-acre parcel, required to be installed.

Depth-to-Ground Water >200 feet
Total Dissolved Solids (TDS) unknown mg/L

Permit Information

Original Permit Issued	**August 9, 1993**
Permit Modification	**June 28, 1995**
Permit Renewal	**March 26, 1999**
Current Action	**Permit Renewal and Modification**
Application Received	May 5, 2020
Public Notice Published	[not yet published]
Permit Issued (Effective Date)	[effective date]
Permitted Discharge Volume	2,200 gallons per day

NMED Contact Information

Mailing Address	Ground Water Quality Bureau P.O. Box 5469 Santa Fe, New Mexico 87502-5469
GWQB Telephone Number	(505) 827-2900
NMED Lead Staff	Andrew Romero
Lead Staff Telephone Number	(505) 660-8624
Lead Staff Email	andrewc.romero@state.nm.us